

## SEQUENCE LISTING

<110> Weigelt, Johan  
Wikström, Mats

<120> NEW NUCLEAR MAGNETIC RESONANCE SCREENING  
METHOD

<130> 13425-047001

<150> 60/243,626

<151> 2000-10-26

<150> SE 0003811-7

<151> 2000-10-20

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 435

<212> PRT

<213> Homo sapiens

<400> 1

Met	Glu	Met	Glu	Lys	Glu	Phe	Glu	Gln	Ile	Asp	Lys	Ser	Gly	Ser	Trp
1				5					10					15	
Ala	Ala	Ile	Tyr	Gln	Asp	Ile	Arg	His	Glu	Ala	Ser	Asp	Phe	Pro	Cys
			20					25					30		
Arg	Val	Ala	Lys	Leu	Pro	Lys	Asn	Lys	Asn	Arg	Asn	Arg	Tyr	Arg	Asp
			35				40					45			
Val	Ser	Pro	Phe	Asp	His	Ser	Arg	Ile	Lys	Leu	His	Gln	Glu	Asp	Asn
			50			55					60				
Asp	Tyr	Ile	Asn	Ala	Ser	Leu	Ile	Lys	Met	Glu	Glu	Ala	Gln	Arg	Ser
					70					75				80	
Tyr	Ile	Leu	Thr	Gln	Gly	Pro	Leu	Pro	Asn	Thr	Cys	Gly	His	Phe	Trp
				85					90					95	
Glu	Met	Val	Trp	Glu	Gln	Lys	Ser	Arg	Gly	Val	Val	Met	Leu	Asn	Arg
				100				105					110		
Val	Met	Glu	Lys	Gly	Ser	Leu	Lys	Cys	Ala	Gln	Tyr	Trp	Pro	Gln	Lys
			115				120					125			
Glu	Glu	Lys	Glu	Met	Ile	Phe	Glu	Asp	Thr	Asn	Leu	Lys	Leu	Thr	Leu
			130			135					140				
Ile	Ser	Glu	Asp	Ile	Lys	Ser	Tyr	Tyr	Thr	Val	Arg	Gln	Leu	Glu	Leu
					150					155				160	
Glu	Asn	Leu	Thr	Thr	Gln	Glu	Thr	Arg	Glu	Ile	Leu	His	Phe	His	Tyr
				165					170					175	
Thr	Thr	Trp	Pro	Asp	Phe	Gly	Val	Pro	Glu	Ser	Pro	Ala	Ser	Phe	Leu
			180					185					190		
Asn	Phe	Leu	Phe	Lys	Val	Arg	Glu	Ser	Gly	Ser	Leu	Ser	Pro	Glu	His
			195				200					205			
Gly	Pro	Val	Val	Val	His	Cys	Ser	Ala	Gly	Ile	Gly	Arg	Ser	Gly	Thr
			210			215					220				
Phe	Cys	Leu	Ala	Asp	Thr	Cys	Leu	Leu	Leu	Met	Asp	Lys	Arg	Lys	Asp
					230					235					240

FASTA "0429660"

Pro Ser Ser Val Asp Ile Lys Lys Val Leu Leu Glu Met Arg Lys Phe  
 245 250 255  
 Arg Met Gly Leu Ile Gln Thr Ala Asp Gln Leu Arg Phe Ser Tyr Leu  
 260 265 270  
 Ala Val Ile Glu Gly Ala Lys Phe Ile Met Gly Asp Ser Ser Val Gln  
 275 280 285  
 Asp Gln Trp Lys Glu Leu Ser His Glu Asp Leu Glu Pro Pro Pro Glu  
 290 295 300  
 His Ile Pro Pro Pro Pro Arg Pro Pro Lys Arg Ile Leu Glu Pro His  
 305 310 315 320  
 Asn Gly Lys Cys Arg Glu Phe Phe Pro Asn His Gln Trp Val Lys Glu  
 325 330 335  
 Glu Thr Gln Glu Asp Lys Asp Cys Pro Ile Lys Glu Glu Lys Gly Ser  
 340 345 350  
 Pro Leu Asn Ala Ala Pro Tyr Gly Ile Glu Ser Met Ser Gln Asp Thr  
 355 360 365  
 Glu Val Arg Ser Arg Val Val Gly Gly Ser Leu Arg Gly Ala Gln Ala  
 370 375 380  
 Ala Ser Pro Ala Lys Gly Glu Pro Ser Leu Pro Glu Lys Asp Glu Asp  
 385 390 395 400  
 His Ala Leu Ser Tyr Trp Lys Pro Phe Leu Val Asn Met Cys Val Ala  
 405 410 415  
 Thr Val Leu Thr Ala Gly Ala Tyr Leu Cys Tyr Arg Phe Leu Phe Asn  
 420 425 430  
 Ser Asn Thr  
 435

<210> 2  
 <211> 132  
 <212> PRT  
 <213> Homo sapiens

<400> 2  
 Val Asp Ala Phe Leu Gly Thr Trp Lys Leu Val Asp Ser Lys Asn Phe  
 1 5 10 15  
 Asp Asp Tyr Met Lys Ser Leu Gly Val Gly Phe Ala Thr Arg Gln Val  
 20 25 30  
 Ala Ser Met Thr Lys Pro Thr Thr Ile Ile Glu Lys Asn Gly Asp Ile  
 35 40 45  
 Leu Thr Leu Lys Thr His Ser Thr Phe Lys Asn Thr Glu Ile Ser Phe  
 50 55 60  
 Lys Leu Gly Val Glu Phe Asp Glu Thr Thr Ala Asp Asp Arg Lys Val  
 65 70 75 80  
 Lys Ser Ile Val Thr Leu Asp Gly Gly Lys Leu Val His Leu Gln Lys  
 85 90 95  
 Trp Asp Gly Gln Glu Thr Thr Leu Val Arg Glu Leu Ile Asp Gly Lys  
 100 105 110  
 Leu Ile Leu Thr Leu Thr His Gly Thr Ala Val Cys Thr Arg Thr Tyr  
 115 120 125  
 Glu Lys Glu Ala  
 130

<210> 3  
 <211> 35  
 <212> PRT  
 <213> Artificial Sequence

0996240-101904

<223> Exemplary target sequence

Ala Gln Ser Tyr Ile Glu Lys Ile Ser Gln Ala Met Glu Ser Ala Ile  
1 5 10 15  
Glu Lys Arg Leu Thr Leu Ala Gln Ile Met Glu Trp Ile Arg Arg Asn  
20 25 30  
Ile Met Gly  
35

<213> Artificial Sequence

<223> Exemplary target sequence

[illegible]

<213> Artificial Sequence

<223> Exemplary protein sequence

Pro Tyr Ser Tyr Ile Ser Leu Ile Thr Met Ala Met Gln Gln Ala Pro  
1                      5                      10                      15  
Glu Lys Met Leu Thr Leu Ala Gln Ile His Glu Trp Ile Leu Thr His  
                20                      25                      30  
Ala Lys Pro  
                35

<213> Artificial Sequence

<223> Exemplary protein sequence

[illegible]

35

&lt;210&gt; 7

&lt;211&gt; 35

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Exemplary protein sequence

&lt;400&gt; 7

Pro Tyr Ser Tyr Ile Glu Leu Ile Thr Met Ala Met Gln Asn Ala Pro

1

5

10

15

Glu Lys Lys Ile Thr Leu Ala Gln Ile His Gln Phe Ile Leu Val Gln

20

25

30

Ala Lys Pro

35

0056240-101501